

FIG. 1

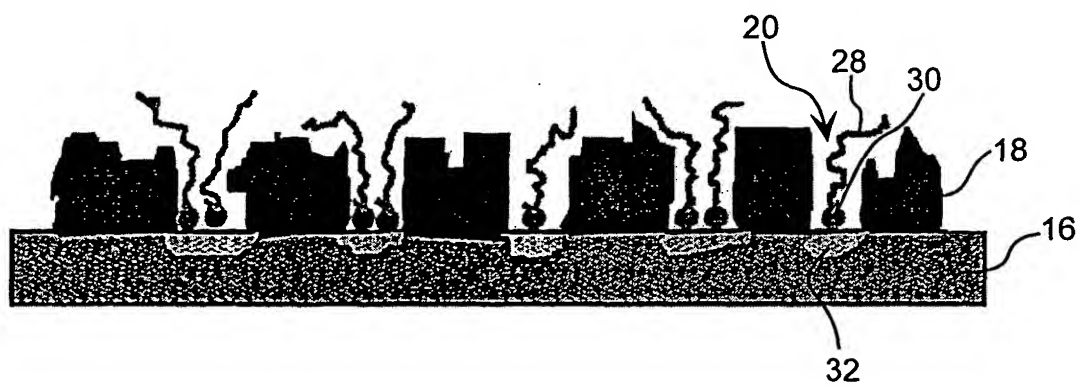


FIG. 2

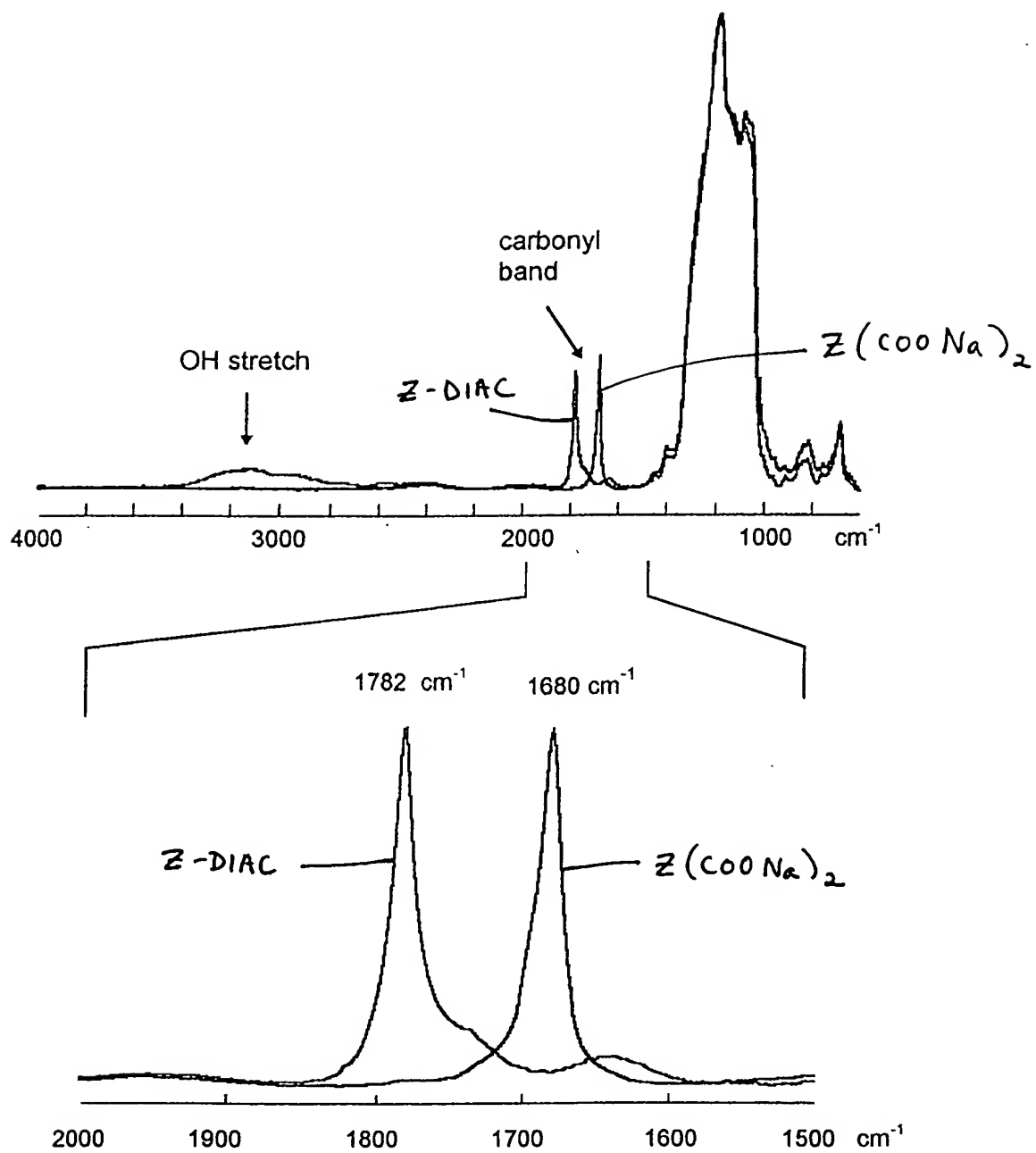


FIG. 3

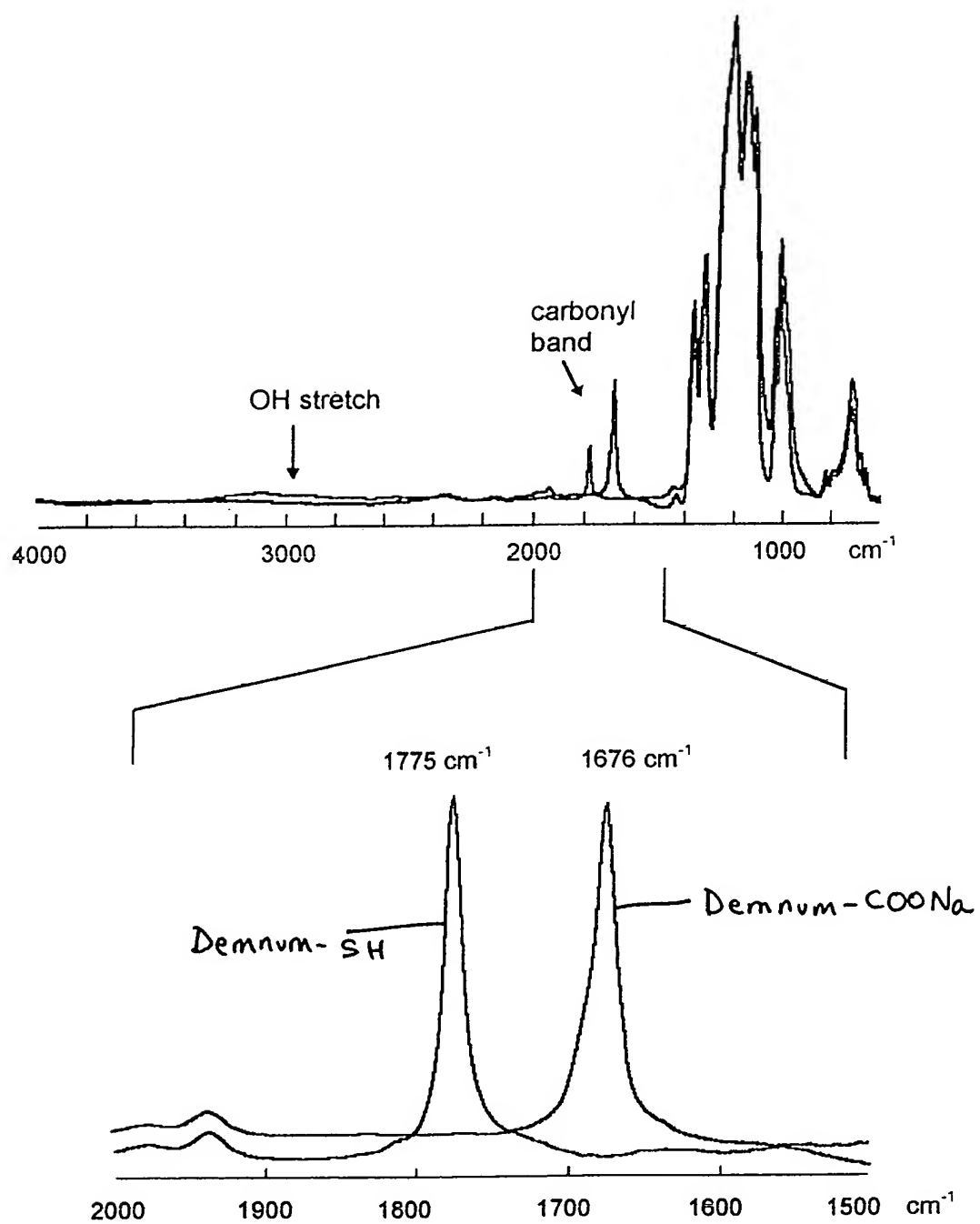


FIG. 4

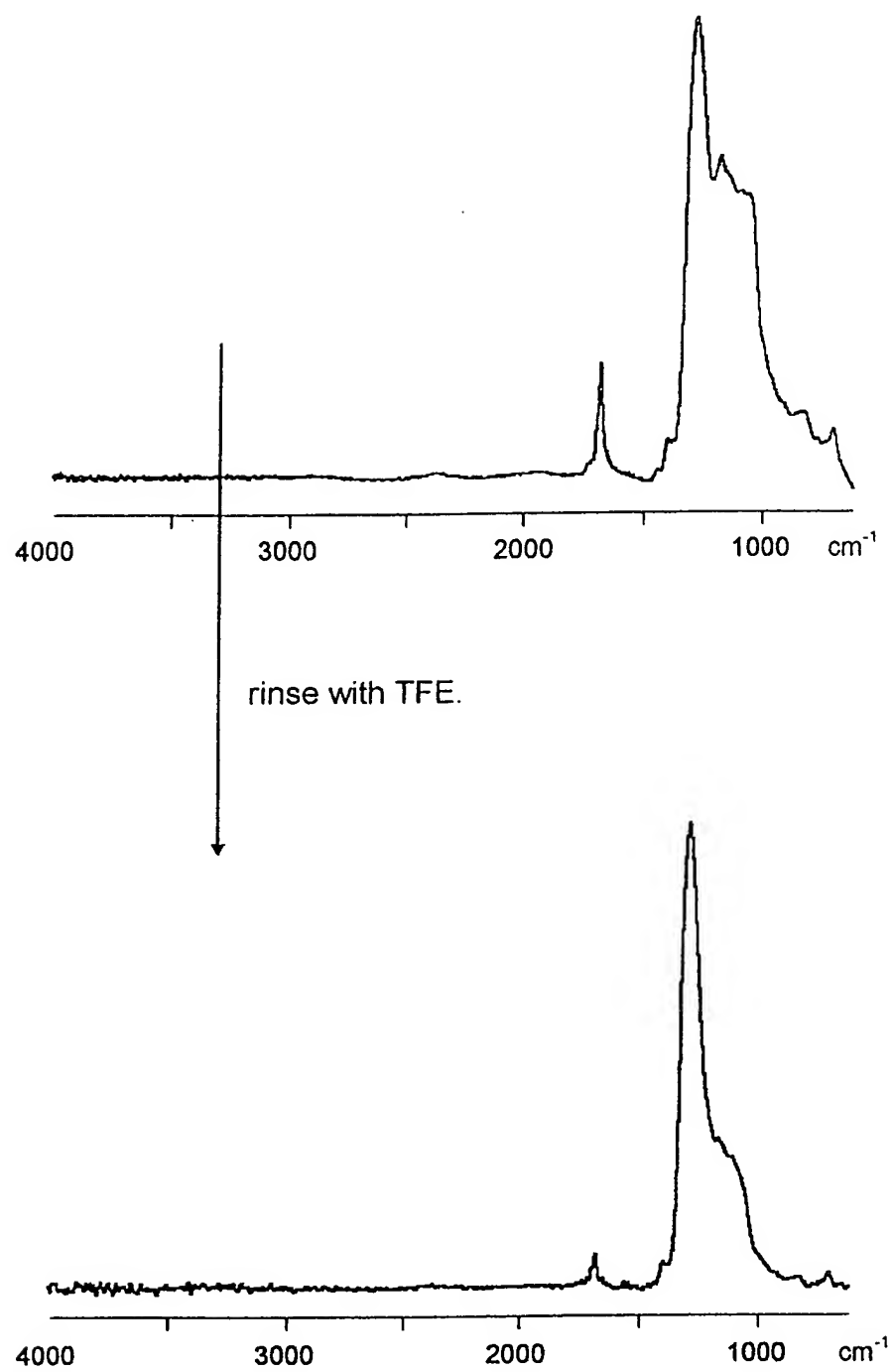


FIG. 5

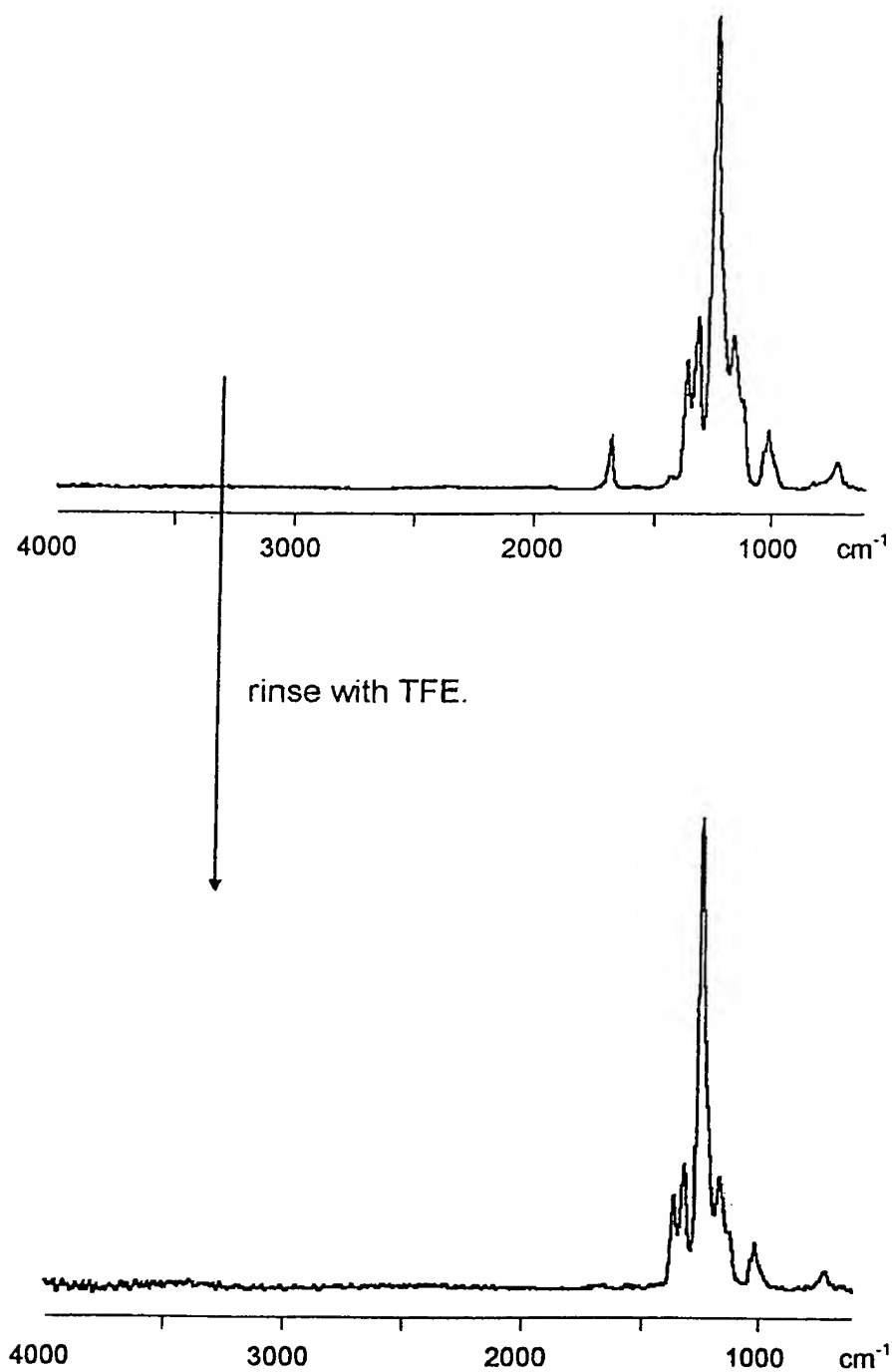


FIG. 6

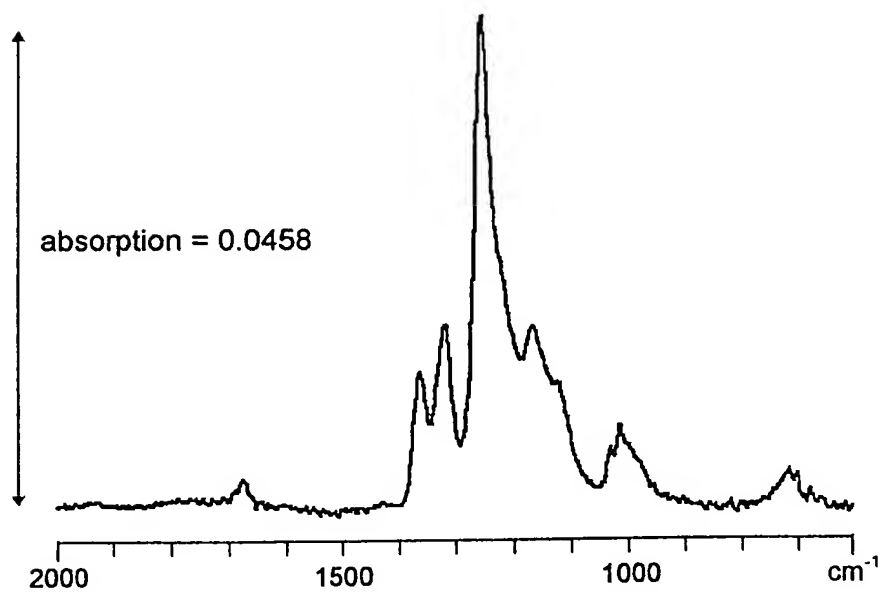
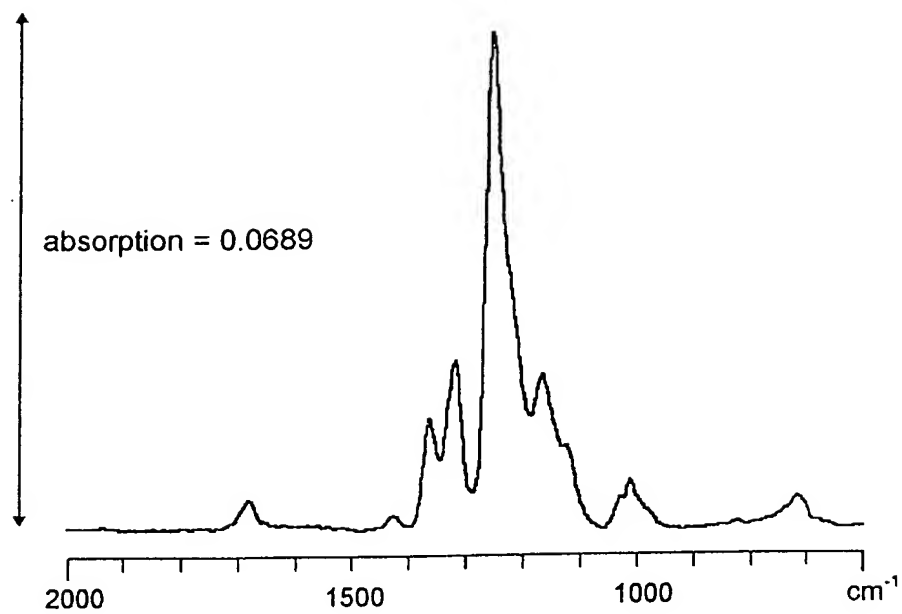
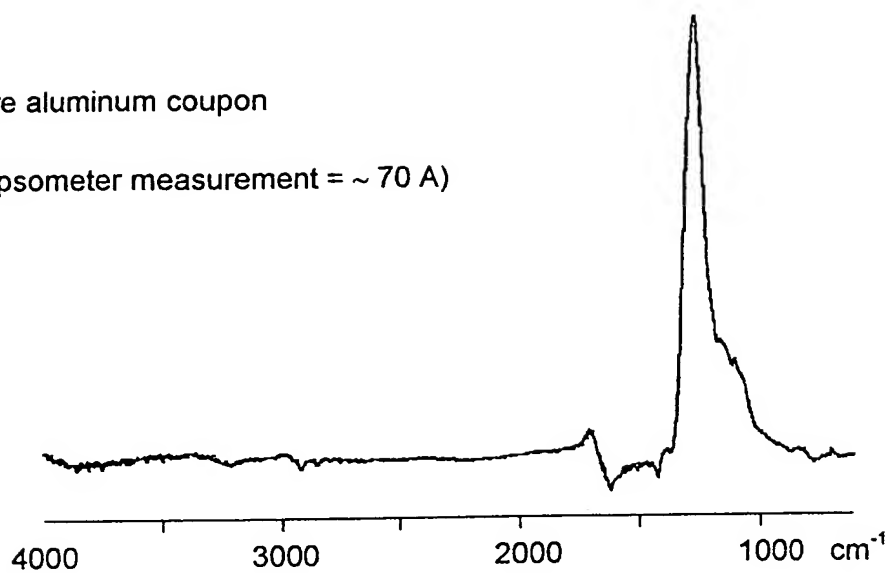


FIG. 7

bare aluminum coupon

(elipsometer measurement = $\sim 70 \text{ \AA}$)



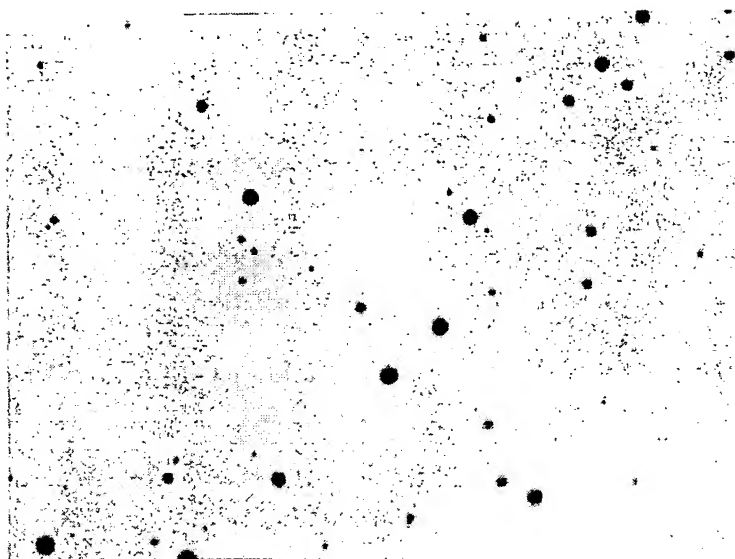
Al coupon with Carbon Overcoat (200 \AA)

(elipsometer measurement = $\sim 5 \text{ \AA}$)



FIG. 8

Bare surface, after etching (48 spots/1.9 mm²):



Surface treated with $Z(\text{COONa})_2$, after etching (15 spots/1.9 mm²):

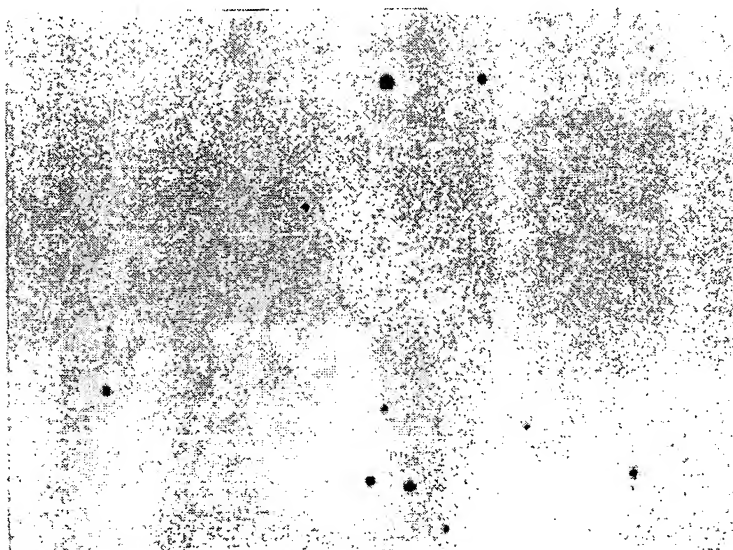
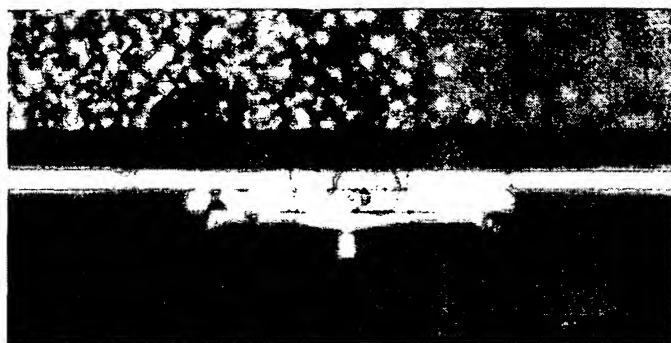


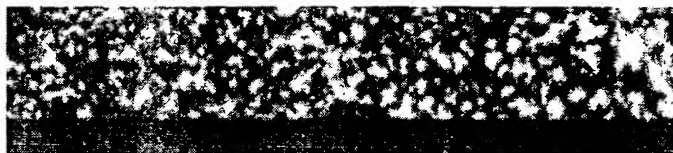
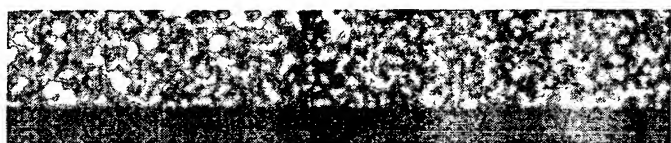
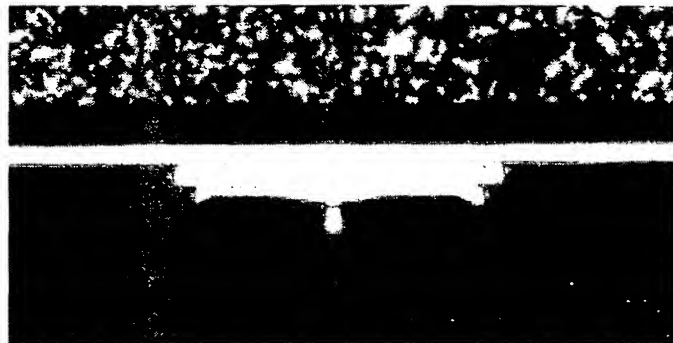
FIG. 9

BEST AVAILABLE COPY

untreated surface



surface treated with D-COONa



untreated surface



surface treated with $Z(\text{COONa})_2$

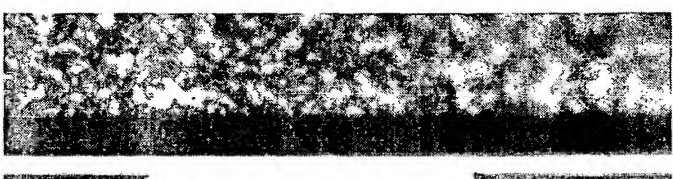
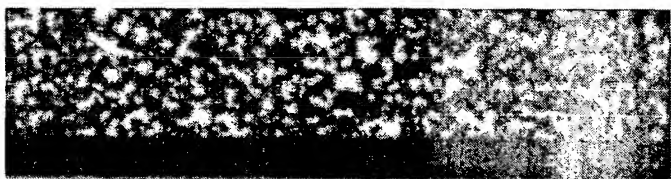
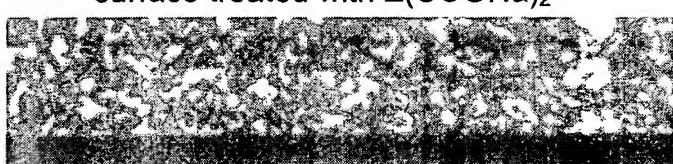


FIG. 10